

Navici Trip Planner

Designed to support and enhance public transport, CGI's Navici Trip Planner is an innovative online passenger information system that covers all modes of transport and delivers accurate, up-to-date travel information based on a user's geographic location.

By providing easy access to trip information, public transport operators can better manage transport network resources, increase demand and improve customer service.

The solution

The Navici Trip Planner uses an intelligent trip planning algorithm to evaluate potential itineraries based on user trip requirements. From their mobile device or PC, users can enter a street address, landmark or street intersection as a departure or destination point. If the Trip Planner finds more than one location for an entry, it automatically provides a list of matches to choose from.

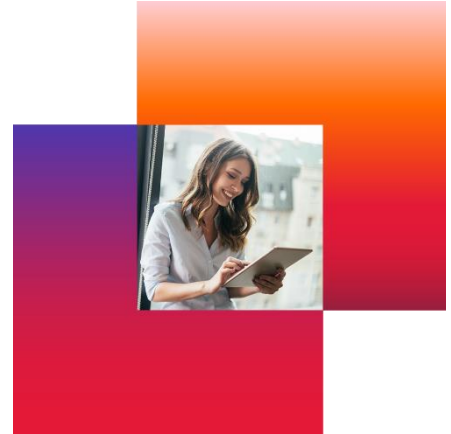
The Trip Planner evaluates multiple departure and destination stops, taking into account that the nearest stop may not always be the best option. The Trip Planner also provides access to a dynamic map interface that displays a route once the departure and destination points have been chosen by the traveler.

All routes, timetable and itinerary information are made available in a printer-friendly format. The Trip Planner also includes an optional call center user interface to support and streamline call center operations.

The benefits

The Navici Trip Planner's open system architecture ensures easy integration and flexible customization. It uses standard hardware, database and interface technology, thus reducing investment and operating costs, and delivering a higher return on investment.

The Trip Planner is highly scalable, with virtually no upper limit to the number of simultaneous end users it can support due to its integrated load balancing capability. The Trip Planner is also available in multiple languages.



Features of CGI's Navici Trip Planner

- Intuitive graphical user interfaces for multiple channel distribution (web, call center, info-kiosk, mobile devices)
- Powerful trip planning algorithm with configurable parameters, including the following:
 - Fastest trip
 - Cost
 - Number of transfers
 - Total walking distance
 - Weather
- Route and timetable database
- Map and landmark database
- Flexible administration tools

Because the Planner can be integrated with most commercially available timetable and route management tools, a custom database can be rapidly developed, as well as indices of location-based information, sites and other resources available on the internet. CGI provides consultation and design services for developing databases, as well as data collection solutions.

Configuration and maintenance

The Navici Trip Planner features a complete set of flexible administration tools, including the following:

- Web-based tool for updating and maintaining timetable and route databases
- Web-based tool for user interface customization and customer feedback management
- Messaging facility for delivering the latest passenger information
- Automatic data loader for updating route and timetable data from any third party timetable database

Hosting

CGI's Trip Planner is available either as a complete software package or as a hosted service, the latter being a cost-effective and trouble-free option for those who want to focus on their core business. CGI takes care of hosting and maintaining the software, leaving the client free to customize user interfaces, maintain the timetable and stop databases through a web-based user interface and administration tools.

CGI's **Navici Trip Planner** is a registered trademark of CGI Inc. or its related companies.

CGI's Navici Trip Planner is used in 30 cities across Europe and the U.S. It also powers the national journey planner for Finland, which provides multi-modal, door-to-door planning using real-time information.

“CGI has a dedicated department for traffic-related services. They are enthusiastic, genuinely interested in public transport and very good at developing new ideas. In Finland, commuting is a major part of people's lives, and ecological thinking is very important to many of them.”

Jari Honkonen

Project Manager
Helsinki Region Multi-Modal
Passenger
Information System

About CGI

Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

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